GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:1677
ANSWERED ON:05.03.2015
MONITORING OF POWER TRANSMISSION
Kachhadia Shri Naranbhai

Will the Minister of POWER be pleased to state:

(a) whether there is any Government agencies for monitoring of power transmission and other co-related issues;

(b) if so, the details thereof along with responsibilities assigned to them;

(c) whether facility for transformers testing available in the country is insufficient;

(d) if so, the reasons therefor; and

(e) the steps taken by the Government in this regard?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, COAL AND NEW & RENEWABLE ENERGY
(SHRI PIYUSH GOYAL)

(a) & (b) : Yes, Madam. Under section 73(f) of the Electricity Act, 2003, Central Electricity Authority (CEA) has been entrusted with the responsibility to promote and assist in the timely completion of transmission schemes and transmission projects for improving and augmenting the electricity system in the country.

Central Transmission Utility at the Central level and State Transmission Utilities at the intra-state level are the agencies which have been entrusted with the responsibility of discharging all functions related to planning, development and coordination of the inter-state and intra-state transmission systems respectively.

Regional Load Despatch Centers (RLDCs) at regional level and State Load Despatch Centers (SLDCs) at the state level are the apex bodies to ensure integrated operation of the power system in the concerned region and state respectively.

(c) to (e) : Some of the major manufacturers of transformers and Central Power Research Institute (CPRI), the largest electrical test laboratory in India, have the facility for testing transformers upto 765 kV. However, facility of short circuit test of transformers is insufficient as this being a costly facility is presently available with CPRI only. CPRI also has the limitation of short circuit test of transformers of up to 250 MVA (220KV) only.

Under 12th Five Year Plan, Ministry of Power has approved for enhancing total capacity of CPRI to facilitate short circuit testing of transformers rated up to 315 MVA (400 kV).

In addition, the National High Power Test Laboratory (a joint venture company of NTPC Ltd., NHPC Ltd., Power Grid Corporation of India Ltd., Damodar Valley Corporation and CPRI) which is being set up at Bina, Madhya Pradesh, will also facilitate testing of transformers rated up to 315 MVA (400 kV) and 765 kV class transformers.